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Claims

We claim:

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 A pharmaceutical composition capable of treating a NHR- associated condition, comprising a compound of the following formula I or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier:

where the symbols have the following meanings, and are, for each occurrence, independently selected:

G is a cycloalkenyl, aryl or heterocyclo (e.g., heteroaryl) group, where said group is mono- or polycyclic, and which is optionally substituted at one or more positions, preferably with hydrogen, alkyl or substituted alkyl, alkenyl or substituted alkenyl, alkenyl or substituted alkenyl, halo, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, aryl or substituted aryl, heterocyclo or substituted heterocyclo, arylalkyl or substituted arylalkyl, heterocycloalkyl or substituted heterocycloalkyl, CN, R¹OC=O, R¹C=O-O-, R¹C=O, R¹C=S, R¹HNC=O, R¹R²NC=O, HOCR³R³′, nitro, R¹OCH2, R¹O, NH2, NR²R⁵, SR¹, S=OR¹, SO2R¹, SO2OR¹, SO2NR¹R¹′, (R¹O)(R¹'O)P=O, oxo, (R¹)(R¹'D)P=O, or (R¹')(NHR¹)P=O:

 Z_1 is O, S, NH, or NR⁶;

Z₂ is O, S, NH, or NR⁶; and

(i) Y is J-J'-J" where J is (CR⁷R^{7'})n and n = 0-3, J' is a bond, C=O, CR⁷R^{7'}, C=CR⁸R^{8'}, R²P=O, R²P=S, R²OP=O, R²NHP=O, OP=OR², C=NR⁷, cvcloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl,

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heterocyclo or substituted heterocyclo or aryl or substituted aryl, and J" is $(CR^7R^{7'})n$ and n = 0-3, where Y is not a bond;

W is CR⁷R⁷—CR⁷R⁷, CR⁸=CR⁸, CR⁷R⁷—C=O´, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, or aryl or substituted aryl;

5 A₁ is CR⁷ or N; and

A2 is CR7 or N; or alternatively

(ii) Y is absent;

W is CR⁷R⁷—CR⁷R⁷, CR⁸=CR⁸, CR⁷R⁷—C=O, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, or aryl or substituted aryl;

A₁ is CR⁷R^{7'} or NR⁷: and

A2 is CR7R7' or NR7; or alternatively

(iii) Y is absent; and

A₁, A₂ and W together are -NR⁷-N=N-; and

Q₁ is H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocycloalkyl or substituted heterocycloalkyl, arylalkyl or substituted arylalkyl, alkynyl or substituted alkynyl, aryl or substituted aryl, heterocyclo (e.g., heteroaryl) or substituted heterocyclo (e.g., substituted heteroaryl), halo, CN, R¹OC=O, R⁴C=O, R⁵R⁶NC=O, HOCR⁷R⁷, nitro, R¹OCH₂, R¹O, NH₂, C=OSR¹, SO-R¹ or NR⁴R⁵.

Q2 is H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocycloalkyl or substituted heterocycloalkyl, arylalkyl or substituted arylalkyl, alkynyl or substituted alkynyl, aryl or substituted aryl, heterocyclo (e.g., heteroaryl) or substituted heterocyclo (e.g., substituted heteroaryl), halo, CN, R¹OC=O, R⁴C=O, R⁵R⁶NC=O, HOCR⁷R⁷, nitro, R¹OCH2, R¹O, NH2, C=OSR¹. SO₂R¹ or NR⁴R⁵;

L is a bond, (CR⁷R^{7'})n, NH, NR⁵, NH (CR⁷R^{7'})n, or NR⁵(CR⁷R^{7'})n, where n = 0-3;

R¹ and R^{1'} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkyl, cycloalkenyl or substituted

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- cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl;
- 5 R² is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl;
- R³ and R³ are each independently H, alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, halo, CN, hydroxylamine, hydroxamide, alkoxy or substituted alkoxy, amino, NR¹R², thiol, alkylthio or substituted alkylthio;
 - R⁴ is H, alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, R¹C=O, R¹NHC=O, SO₂OR¹, or SO₂NR¹R¹;
 - R⁵ is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, R¹C=O, R¹NHC=O, SO₂R¹, SO₂OR¹, or SO₂NR¹R¹.
- R⁶ is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted

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cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, CN, OH, OR 1 , R 1 C=O, R 1 NHC=O, SO $_2$ R 1 , SO $_2$ OR 1 , or SO $_2$ NR 1 R 1 ′;

R⁷ and R^{7′} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, halo, CN, OR¹, nitro, hydroxylamine, hydroxylamide, amino, NHR⁴, NR²R⁵, NOR¹, thiol, alkylthio or substituted alkylthio, R¹C=O, R¹OC=O, R¹C=O—O—, R¹NHC=O, SO₂R¹, SOR¹, PO₃R¹R^{1′}, R¹R^{1′}NC=O, C=OSR¹, SO₂R¹, SO₂OR¹, or SO₂NR¹R^{1′}: and

R⁸ and R⁸′ are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, nitro, halo, CN, OR¹, amino, NHR⁴, NR²R⁵, NOR¹, alkylthio or substituted alkylthio, C=OSR¹, R¹OC=O, R¹C=O, R¹NHC=O, R¹R¹'NC=O, SO₂OR¹, S=OR¹, SO₃R¹, PO₃R¹R¹', or SO₃NR¹R¹'.

2. A method of modulating the function of a nuclear hormone receptor which comprises administering to a mammalian species in need thereof an effective nuclear hormone receptor modulating amount of a compound of the following formula I or a pharmaceutically acceptable salt thereof:

$$G \xrightarrow{L} N \xrightarrow{Z_2} Q_2 \xrightarrow{A_2} A_2$$

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(I)

where the symbols have the following meanings, and are, for each occurrence, independently selected:

- 5 G is a cycloalkenyl, aryl or heterocyclo (e.g., heteroaryl) group, where said group is mono- or polycyclic, and which is optionally substituted at one or more positions, preferably with hydrogen, alkyl or substituted alkyl, alkenyl or substituted alkenyl, alkynyl or substituted alkynyl, halo, cycloalkyl or substituted cycloalkenyl, aryl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, aryl or substituted aryl, heterocyclo or substituted heterocyclo, arylalkyl or substituted arylalkyl, heterocycloalkyl or substituted heterocycloalkyl, CN, R¹OC=O, R¹C=O-O-, R¹C=O, R¹C=S, R¹HNC=O, R¹R²NC=O, HOCR³R³′, nitro, R¹OCH₂, R¹O, NH₂, NR⁴R⁵, SR¹, S=OR¹, SO₂R¹, SO₂OR¹, SO₂NR¹R¹′, (R¹O)(R¹′O)P=O, oxo, (R¹)(R¹′P)P=O, or (R¹)(NHR¹)P=O;
- 15 Z₁ is O, S, NH, or NR⁶;

Z₂ is O, S, NH, or NR⁶; and

- (i) Y is J-J'-J" where J is (CR⁷R⁷)n and n = 0-3, J' is a bond, C=O, CR⁷R⁷, C=CR⁸R⁸′, R²P=O, R²P=S, R²OP=O, R²NHP=O, OP=OR², C=NR⁷, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo or aryl or substituted aryl, and J" is (CR⁷R⁷)n and n = 0-3, where Y is not a bond;
- W is $CR^7R^7 CR^7R^7$, $CR^8 = CR^8$, $CR^7R^7 C=O$, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, or aryl or substituted aryl; A₁ is CR^7 or N: and

Al is CK of N, and

- A2 is CR7 or N; or alternatively
- (ii) Y is absent;
- W is CR⁷R⁷—CR⁷R⁷, CR⁸=CR⁸, CR⁷R⁷—C=O, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, or aryl or substituted aryl;
- 30 A₁ is CR⁷R^{7'} or NR⁷; and

A2 is CR7R7' or NR7; or alternatively

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(iii) Y is absent; and

A₁, A₂ and W together are -NR⁷--N=N-; and

- Q_1 is H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl,
- heterocycloalkyl or substituted heterocycloalkyl, arylalkyl or substituted arylalkyl, alkynyl or substituted alkynyl, aryl or substituted aryl, heterocyclo (e.g., heteroaryl) or substituted heterocyclo (e.g., substituted heteroaryl), halo, CN, R¹OC=O, R⁴C=O, R⁵R⁶NC=O, HOCR⊓R⊓, nitro, R¹OCH₂, R¹O, NH₂, C=OSR¹, SO₂R¹ or NR⁴R⁵;
- Q₂ is H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocycloalkyl or substituted heterocycloalkyl, arylalkyl or substituted arylalkyl, alkynyl or substituted alkynyl, aryl or substituted aryl, heterocyclo (e.g., heteroaryl) or substituted heterocyclo (e.g., substituted heteroaryl), halo,
 CN, R¹OC=O, R⁴C=O, R⁵R⁶NC=O, HOCRⁿRⁿ, nitro, R¹OCH₂, R¹O, NH₂, C=OSR¹, SO-R¹ or NR⁴R⁵.
 - L is a bond, (CR⁷R⁷)n, NH, NR⁵, NH (CR⁷R⁷)n, or NR⁵(CR⁷R⁷)n, where n = 0-3;

 R¹ and R^{1'} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylkyl, cycloalkenylalkyl or substituted cycloalkylkyl, cycloalkenylalkyl,
 - arylalkyl or substituted arylalkyl;

 R² is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted

heterocycloalkyl or substituted heterocycloalkyl, arvl or substituted arvl,

- cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl;
- R³ and R^{3'} are each independently H, alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl,

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cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, halo, CN, hydroxylamine, hydroxamide, alkoxy or substituted alkoxy, amino. NR¹R², thiol, alkylthio or substituted alkylthio;

- 5 R⁴ is H, alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, R¹C=O, R¹NHC=O,
 SO-OR¹, or SO-NR¹R¹:
 - R⁵ is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, R¹C=O, R¹NHC=O, SO₂R¹, SO₂OR¹, or SO₂NR¹R¹:
 - R⁶ is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, CN, OH, OR¹, R¹C=O, R¹NHC=O, SO₂R¹, SO₂OR¹, or SO₂NR¹R¹;
 - R⁷ and R^{7'} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, halo, CN, OR¹, nitro, hydroxylamine, hydroxylamide, amino, NHR⁴, NR²R⁵, NOR¹, thiol, alkylthio or substituted alkylthio, R¹C=O, R¹OC=O, R¹C=O—O—, R¹NHC=O, SO₂R¹, SOR¹, PO₃R¹, R¹R¹, R¹R¹NC=O, C=OSR¹, SO₃OR¹, or SO₃NR¹R¹; and

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R⁸ and R^{8'} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkyalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, nitro, halo, CN, OR¹, amino, NHR⁴, NR²R⁵, NOR¹, alkylthio or substituted alkylthio, C=OSR¹, R¹OC=O, R¹C=O, R¹NHC=O, R¹R^{1'}NC=O, SO₂OR¹, S=OR¹, SO₂R¹, PO₃R¹R^{1'}, or SO₂NR¹R^{1'}.

3. A method for treating a condition or disorder comprising administering to a mammalian species in need thereof a therapeutically effective amount of a compound of the following formula I or a pharmaceutically acceptable salt thereof:

$$G \xrightarrow{Z_1} Q_2 \xrightarrow{Q_2} A_2$$

$$Z_1 \xrightarrow{Q_1} Q_1$$

$$(I)$$

where the symbols have the following meanings, and are, for each occurrence, independently selected:

G is a cycloalkenyl, aryl or heterocyclo (e.g., heteroaryl) group, where said group is

mono- or polycyclic, and which is optionally substituted at one or more
positions, preferably with hydrogen, alkyl or substituted alkyl, alkenyl or
substituted alkenyl, alkynyl or substituted alkynyl, halo, cycloalkyl or
substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, aryl or
substituted aryl, heterocyclo or substituted heterocyclo, arylalkyl or substituted
arylalkyl, heterocycloalkyl or substituted heterocycloalkyl, CN, R¹OC=O,
R¹C=O-O-, R¹C=O, R¹C=S, R¹HNC=O, R¹R²NC=O, HOCR³R³′, nitro,

 $R^{1}OCH_{2}$, $R^{1}O$, NH_{2} , $NR^{4}R^{5}$, SR^{1} , $S=OR^{1}$, $SO_{2}R^{1}$, $SO_{2}OR^{1}$, $SO_{2}NR^{1}R^{1'}$, $(R^{1}O)(R^{1'}O)P=O$, oxo, $(R^{1})(R^{1'})P=O$, or $(R^{1'})(NHR^{1})P=O$;

Z₁ is O, S, NH, or NR⁶;

Z₂ is O, S, NH, or NR⁶; and

$$\begin{split} 5 & \text{ (i) Y is J-J'-J'' where J is } (CR^7R^{7'}) \text{n and } n = 0\text{-}3, \text{J' is a bond, C=O, } CR^7R^{7'}, \\ & C = CR^8R^8', R^2P = O, R^2P = S, R^2OP = O, R^2NHP = O, OP = OR^2, C = NR^7, \\ & \text{cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl,} \\ & \text{heterocyclo or substituted heterocyclo or aryl or substituted aryl, and } \textbf{J''} \text{ is} \\ & \text{ (CR}^7R^7) \text{n and } n = 0\text{-}3, \text{ where Y is not a bond;} \end{split}$$

$$\label{eq:wisch} \begin{split} 10 & \text{W is CR}^{7}\text{R}^{7}\text{—}\text{CR}^{7}\text{R}^{7}, \text{CR}^{8}\text{=}\text{CR}^{8}, \text{CR}^{7}\text{R}^{7}\text{—}\text{C=O}, \text{cycloalkyl or substituted} \\ & \text{cycloalkyl, cycloalkenyl or substituted cycloalkenyl, or aryl or substituted aryl;} \end{split}$$

A₁ is CR⁷ or N; and

A2 is CR7 or N; or alternatively

(ii) Y is absent;

15 W is CR⁷R^{7'}—CR⁷R^{7'}, CR⁸=CR^{8'}, CR⁷R^{7'}—C=O, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, or aryl or substituted aryl;

A₁ is CR⁷R^{7'} or NR⁷; and

A2 is CR7R7' or NR7; or alternatively

20 (iii) Y is absent; and

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A1, A2 and W together are -NR7--N=N-; and

- Q₁ is H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocycloalkyl, or substituted heterocycloalkyl, arylalkyl or substituted arylalkyl, alkynyl or substituted alkynyl, aryl or substituted aryl, heterocyclo (e.g., heteroaryl) or substituted heterocyclo (e.g., substituted heteroaryl), halo, CN, R¹OC=O, R⁴C=O, R⁵R⁶NC=O, HOCR⁷R⁷, nitro, R¹OCH₂, R¹O, NH₂, C=OSR¹, SO₂R¹ or NR⁴R⁵:
- Q₂ is H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or 30 substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocycloalkyl or substituted heterocycloalkyl, arylalkyl or substituted

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arylalkyl, alkynyl or substituted alkynyl, aryl or substituted aryl, heterocyclo (e.g., heteroaryl) or substituted heterocyclo (e.g., substituted heteroaryl), halo, CN, R¹OC=O, R⁴C=O, R⁵R⁶NC=O, HOCR⁷R⁷, nitro, R¹OCH₂, R¹O, NH₂, C=OSR¹, SO₂R¹ or NR⁴R⁵;

- 5 L is a bond, (CR⁷R⁷)n, NH, NR⁵, NH (CR⁷R⁷)n, or NR⁵(CR⁷R⁷)n, where n = 0-3; R¹ and R^{1'} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkyl, heterocycloalkyl, cycloalkenylalkyl, aryl or substituted aryl, arylalkyl or substituted aryl, arylalkyl or substituted arylalkyl;
 - R² is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl;
 - R³ and R³ are each independently H, alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, halo, CN, hydroxylamine, hydroxamide, alkoxy or substituted alkoxy, amino, NR¹R², thiol, alkylthio or substituted alkylthio;
- R⁴ is H, alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, R¹C=O, R¹NHC=O, SO₂OR¹, or SO₂NR¹R¹';
- 30 R⁵ is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo,

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cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, R¹C=O, R¹NHC=O, SO₂R¹, SO₂OR¹, or SO₂NR¹R¹:

- 5 R⁶ is alkyl or substituted alkyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, CN, OH, OR¹, R¹C=O, R¹NHC=O, SO:R¹, SO:OR¹, or SO:NR¹R¹.
 - R⁷ and R^{7'} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkenyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkenylalkyl, heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, halo, CN, OR¹, nitro, hydroxylamine, hydroxylamide, amino, NHR⁴, NR²R⁵, NOR¹, thiol, alkylthio or substituted alkylthio, R¹C=O, R¹OC=O, R¹C=O—O—, R¹NHC=O, SO₂R¹, SOR¹, PO₃R¹R^{1'}, R¹R^{1'}NC=O, C=OSR¹, SO₃R¹, SO₂OR¹, or SO₂NR¹R^{1'}; and
- R⁸ and R^{8'} are each independently H, alkyl or substituted alkyl, alkenyl or substituted alkenyl, cycloalkyl or substituted cycloalkyl, cycloalkenyl or substituted cycloalkyl, heterocyclo or substituted heterocyclo, cycloalkylalkyl or substituted cycloalkylalkyl, cycloalkenylalkyl or substituted cycloalkyl heterocycloalkyl or substituted heterocycloalkyl, aryl or substituted aryl, arylalkyl or substituted arylalkyl, nitro, halo, CN, OR¹, amino, NHR⁴, NR²R⁵, NOR¹, alkylthio or substituted alkylthio, C=OSR¹, R¹OC=O, R¹C=O, R¹NHC=O, R¹R¹/NC=O, SO₂OR¹, S=OR¹, SO₂R¹, PO₂R¹R¹, or SO₂NR¹R¹.
 - R¹NHC=O, R¹R¹NC=O, SO₂OR¹, S=OR¹, SO₂R¹, PO₃R¹R¹, or SO₂NR¹R¹.

 wherein said condition or disorder is selected from the group consisting of proliferate diseases, cancers, benign prostate hypertrophia, adenomas and neoplasies of the prostate, benign or malignant tumor cells containing the androgen receptor, heart disease, angiogenic conditions or disorders, hirsutism, acne,

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hyperpilosity, inflammation, immune modulation, seborrhea, endometriosis, polycystic ovary syndrome, androgenic alopecia, hypogonadism, osteoporosis, suppressing spermatogenisis, libido, cachexia, anorexia, inhibition of muscular atrophy in ambulatory patients, androgen supplementation for age related decreased testosterone levels in men, cancers expressing the estrogen receptor, prostate cancer, breast cancer, endometrial cancer, hot flushes, vaginal dryness, menopause, amennoreahea, dysmennoreahea, contraception, pregnancy termination, cancers containing the progesterone receptor, menopause, cyclesynchrony, meniginoma, fibroids, labor induction, autoimmune disease, Alzheimer's disease, psychotic disorders, drug dependence, non-insulin dependent Diabetes Mellitus, dopamine receptor mediated disorders, congestive heart failure, disregulation of cholesterol homeostasis, and attenuating the metabolism of a pharmaceutical agent.

4. The method of claim 2, wherein said compound is selected from the group consisting of;

(3aα,4α,7α,7aα)-2-(3-Chloro-4-hydroxyphenyl)hexahydro-4,7-methano-1Hisoindole-1.3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-[4-(1H-tetrazol-5yl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, trifluoroacetate (1:1), (3aα.4α.7α.7aα)-Hexahydro-2-[3-methoxy-4-(1H-1,2,4-triazol-1-yl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(2,3-Dihydro-2-oxo-6-benzothiazolyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1.3(2H)-dione, (3aα,4α,7α,7aα)-2-(2.3-Dihvdro-3-methyl-2-oxo-6benzothiazolyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)dione, $(3a\alpha, 4\alpha, 7\alpha, 7a\alpha)-2-(2, 3-Dihydro-1-methyl-2-oxo-1H-indol-5-yl)-$ 3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(2-Fluorenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(1H-Benzotriazol-5-yl)-3a.4.7.7a-tetrahydro-4.7-methano-1H-isoindole-1.3(2H)-dione. (3aα,4α,7α,7aα)-2-[3-Chloro-4-(4-morpholinyl)phenyl]-3a,4,7,7a-

tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-

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 $(2,3-\mathrm{Dihydro-1H-inden-5-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-\mathrm{Bromo-1-naphthalenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-\mathrm{Chloro-1-naphthalenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-Tetrahydro-2-(7-hydroxy-1-naphthalenyl)-4,7-methano-1H-isoindole-$

Tetrahydro-2-(7-hydroxy-1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(1H-indol-5-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(1H-indazol-6-yl)-4,7-

methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-(1,3-Benzodioxol-5-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-(4-Amino-3-(trifluoromethyl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2-methyl-4-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -3a,4,7,7a-Tetrahydro-2-(8-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -3a,4,7,7a-Tetrahydro-2-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione,

benzopyran-7-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-3α,4,7,7α-Tetrahydro-2-(5-isoquinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-2-(2,5-Dimethoxy-4-nitrophenyl)-3α,4,7,7α-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-2,3,5,6-Tetrafluoro-4-(1,3,3α,4,7,7α-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzonitrile, (3αα,4α,7α,7αα)-3α,4,7,7α-Tetrahydro-2-(2,4,5-trifluorophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-3α,4,7,7α-Tetrahydro-2-(2,4,5-trichlorophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-2-(3,4-Difluorophenyl)-3α,4,7,7α-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-2-(3,4-Difluorophenyl)-3α,4,7,7α-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-2-(3,4-Difluorophenyl)-3α,4,7,7α-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-

dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2,3-Dihydro-1H-indol-6-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-

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 $fluorophenyl) \hbox{-} 3a, 4, 7, 7a \hbox{-} tetra hydro-4, 7-methano-1 H-isoindole-1, 3 (2H)-1 hydro-2, 2H-isoindole-1, 3 (2H)-1 hydro-2, 3$ dione, $(3a\alpha, 4\alpha, 7\alpha, 7a\alpha)$ -2-(3, 4-Dichlorophenyl)-3a, 4, 7, 7a-tetrahydro-4, 7methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(3,4,5-trichlorophenyl)-4,7-methano-1H-isoindole-1,3(2H)dione, $(3a\alpha, 4\alpha, 7\alpha, 7a\alpha)$ -2-(3-Chloro-4-methoxyphenyl)-3a, 4, 7, 7atetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(3-Chloro-4-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2-methyl-1naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-2-(4-Chloro-3-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1Hisoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3,4-Dimethylphenyl)-3a,4,7,7a $tetrahydro-4,7-methano-1 \\ H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[4-1]$ 3a.4.7.7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-a-te$ methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-[4-Fluoro-3-(trifluoromethyl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(4-Chloro-3-nitrophenyl)-3a,4,7,7atetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-[4-Chloro-3-(trifluoromethyl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(4-Chloro-2-methoxy-5methylphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)dione, (3aα,4α,7α,7aα)-2-(3,5-Dichloro-4-hydroxyphenyl)-3a,4,7,7atetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a.4.7.7a-Tetrahydro-2-(4-hydroxy-3-nitrophenyl)-4,7-methano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(4-Amino-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha, 4\alpha, 7\alpha, 7a\alpha)-2, 2'-(2, 3, 5, 6-Tetramethyl-1, 4-phenylene)$ bis[3a, 4, 7, 7a-1]tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione], (3αα,4α,7α,7αα)-

3a,4,7,7a-Tetrahydro-2-(4-methyl-3-nitrophenyl)-4,7-methano-1H-

 $isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-Tetrahydro-2-(3,4,5-trimethoxyphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(3,4-Dimethoxyphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-$

- 5 Tetrahydro-2-(3-hydroxy-4-methoxyphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(5-Chloro-2-hydroxy-4-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2-methoxy-3-dibenzofuranyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -dibenzofuranyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -
- 10 3a,4,7,7a-Tetrahydro-2-(2,3,4-trifluorophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-(2,3-Dihydro-2-methyl-1,3-dioxo-1H-isoindol-5-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-(4-Bromo-2,3,5,6-tetrafluorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-15 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-15 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-15 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-15 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-16 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-17 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-18 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-18 [2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-19 [2,5-Dichloro-4-(1H-pyrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-19 [2,5-Dichloro-1-qi]-1 [2,5-Dichloro-1-qi]-1 [2,5-Dichloro-1-qi]-1 [2,5-
 - 1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-[3-[(Diethylamino)methyl]-4-hydroxyphenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(6-Benzothiazolyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -4-(1,3,3a,4,7,7a-
 - Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-2-methoxybenzenecarboxylic acid, methyl ester, (3αα,4α,7α,7αα)-3α,4,7,7α-Tetrahydro-2-(2-oxo-2H-1-benzopyran-6-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-3α,4,7,7α-Tetrahydro-2-(2-methyl-8-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-
- 30 Tetrahydro-2-(3-methoxy-4-methylphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-N-Ethyl-5-(1,3,3a,4,7,7a-hexahydro-1,3-

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tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2'-hydroxy[1,1':3',1"-terphenyl]-5'-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(1,3-Dihydro-2,2-dioxidobenzo[c]thiophen-5-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2,2,3,3-

tetrafluoro-2,3-dihydro-1,4-benzodioxin-6-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(4-Amino-2,3,5,6-tetrafluorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -N-[2-Chloro-6-fluoro-4-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)phenyl]acetamide, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-2-

 $(trifluoromethyl) benzonitrile, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-Fluoro-5-(1,3,3a,4,7,7a-bexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl) benzonitrile, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-Tetrahydro-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[2-Ethoxy-8-methyl-4-(trifluoromethyl)-7-quinolinyl]-3a,4,7,7a-tetrahydro-4,7-$

methyn-4-(trinforomethyn-7-quinomyn-3a,**,*,*,**rateataryta-4-3.** methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-[1,2-Dihydro-8-methyl-2-oxo-4-(trifluoromethyl)-7-quinolinyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(9-Ethyl-9H-carbazol-2-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-

dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-[4-(1-piperidinyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-[4-(4-morpholinyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(7-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chlorophenyl)-

3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione,
(3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(2-naphthalenyl)-4,7-methano-1H-

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isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(1,2,3,4-tetrahydro-2-oxo-7-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-[3-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-2-methylphenoxyl-2-methylpropanoic acid, ethyl ester,

5 (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-[4-(4-methyl-1-piperazinyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-[4-(Diethylamino)-1-naphthalenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(8-hydroxy-5-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(4-

isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(4-nitrophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-[2-(4-morpholinyl)-5-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3,5-Dichlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-

 $\label{eq:continuous} 4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Fluorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-Tetrahydro-2-[4-(1,2,3-thiadiazol-4-yl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-N-[2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-4-$

dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-fluorophenyl)-3a,4,7,7a-tetrahydro-

(trifluoromethyl)phenyl]acetamide, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -N-[5-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-3-(trifluoromethyl)phenyl]acetamide, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-[3-Amino-5-(trifluoromethyl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-

25 1,3(2H)-dione, (3aα,4α,7α,7aα)-2-[1,2-Dihydro-2-oxo-4-(trifluoromethyl)-7-quinolinyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-N-[5-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-6-(methylthio)-8-quinolinyl]acetamide, (3aα,4α,7α,7aα)-2-[5-Ethoxy-2-(methoxymethyl)-4-(4-morpholinyl)phenyl]-3a,4,7,7a-tetrahydro-

 $30 \quad 4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1,3(2H)-dione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1R)-1-(1-naphthalenyl)ethyl]-3a,4,7a-[(1R)-1-(1-nap$

$$\label{eq:continuous} \begin{split} &1,3(2H)\text{-}dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[(1S)-1-(1-naphthalenyl)ethyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-4-Fluoro-N-[3-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindole-2-yl)-5-(trifluoromethyl)phenyl]benzenesulfonamide, (3a\alpha,4\alpha,7\alpha,7a\alpha)-$$

3a,4,7,7a-Tetrahydro-2-[7-(trifluoromethyl)-4-quinolinyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-3a,4,7,7a-Tetrahydro-2-[8-(trifluoromethyl)-4-quinolinyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-2-(3,4-Dimethyl-5-isoxazolyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha,4\alpha,7\alpha,7a\alpha$)-3a,4,7,7a-

methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a
10 tetrahydro-2-(1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione,
(3aα,4α,7α,7aα)-4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2Hisoindol-2-yl)-1-naphthalenecarbonitrile, (3aα,4α,7α,7aα)-3-(1,3,3a,4,7,7aHexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzo[b]thiophene-2carboxylic acid, methyl ester, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(5nitro-8-isoquinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione,
trifluoroacetate (1:1), (3aα,4α,7α,7aα)-2-(4-Amino-1-naphthalenyl)3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione,
(3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(4-hydroxy-1-naphthalenyl)-4,7methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a
20 Tetrahydro-2-(3-methylphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione,

20 Tetrahydro-2-(3-methylphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)-2\cdot(4-Bromophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, <math display="block">(3a\alpha,4\alpha,7\alpha,7a\alpha)-4\cdot(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzonitrile, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-N-[4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1-naphthalenyl]acetamide, <math display="block">(3a\alpha,4\alpha,7\alpha,7a\alpha)-N-[4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1-naphthalenyl]acetamide, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-N-[4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1-naphthalenyl]acetamide, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-N-[4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1-naphthalenyl-1-naph$

1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1-naphthalenyl]methanesulfonamide, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-(5-Bromo-8-isoquinolinyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-(7,8-Dichloro-5-quinolinyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -3a,4,7,7a-

30 4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(3-methyl-4-nitrophenyl)-4,7-methano-1H-isoindole-1,3(2H)-

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dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -N-[4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1-naphthalenyl]-N'-methylurea, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-2-methoxy-1-naphthalenecarbonitrile, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(6-

Bromo-1,2-benzisoxazol-3-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-(5-Bromo-1,2-benzisoxazol-3-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-(4-Fluoro-1H-indazol-3-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -2-(6-Chloro-1H-indazol-3-yl)-3a,4,7 α -1-1,4 α -1,4 α -1,

$$\label{eq:continuous} \begin{split} 10 & \quad \text{indazol-3-yl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, } \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-Tetrahydro-2-(5-nitro-1,2-benzisoxazol-3-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione, } \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-3-\\ (1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-2-benzofurancarboxylic acid, methyl ester, } \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(3-nitrahydro-1,3$$

Benzofuranyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(4-Chlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2-Fluorenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(1H-Benzotriazol-5-yl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-[3-Chloro-4-(4-

morpholinyl)phenyl]-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-2-(2,3-Dihydro-1H-inden-5-yl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-2-(4-Bromo-1-naphthalenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-2-(4-Chloro-1-naphthalenyl)-3a,4,7,7a-

tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(5-Amino-1-naphthalenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(7-hydroxy-1-naphthalenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -1,3(2H)-dion

30 3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(1H-indol-5-yl)-4,7-

ethano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-3a,4,7,7a-Tetrahydro-2-(1H-indazol-6-yl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-2-(1,3-Benzodioxol-5-yl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-2-[4-Amino-3-

10 ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-[2-oxo-4-(trifluoromethyl)-2H-1-benzopyran-7-yl]-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(5-isoquinolinyl)-4,7
15 ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2,5-Dimethoxy-4-

ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2,5-Dimethoxy-4-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2,4,5-trifluorophenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2,4,5-trichlorophenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2-Amino-4,5-dichlorophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-

isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-2-(3,4-Difluorophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,7 α ,7a α)-1-Acetyl-6-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)-2,3-dihydro-1H-indole, (3a α ,4 α ,7 α ,7a α)-(3-Chloro-4-fluorophenyl)-

25 3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3,4-Dichlorophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(3,4,5-trichlorophenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-methoxyphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-30 1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-methylphenyl)-3a,4,7,7a-

30 1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-methylphenyl)-3a,4,7,7e tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -

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 $3a,4,7,7a-Tetrahydro-2-(2-methyl-1-naphthalenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(3,4-Dimethylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Bromo-3-(trifluoromethyl)phenyl]-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Bromo-3-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-itrophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-itrophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-itrophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Chloro-3-methoxy-5-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7$

3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3,5-Dichloro-4-hydroxyphenyl)-3a,4,7,7a-tetrahydro-4.7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(4-hydroxy-3-nitrophenyl)-4,7-ethano-1H-isoindole-1,3(2H)dione, (3aα,4α,7α,7aα)-2-(4-Amino-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4.7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(4-Amino-2,3,5,6-tetramethylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(4-methyl-3nitrophenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(3,4,5-trimethoxyphenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3,4-Dimethoxyphenyl)-3a,4,7,7atetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a.4.7.7a-Tetrahydro-2-(3-hydroxy-4-methoxyphenyl)-4,7-ethano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-6-(1,3,3a,4,7,7a-Hexahydro-1,3dioxo-4,7-ethano-2H-isoindol-2-yl)-1,4(2H,3H)-phthalazinedione,

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ethano-1H-isoindole-1,3(2H)-dione, ($3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha$)-2-Chloro-4- (1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)- α -phenylbenzeneacetonitrile, ($3\alpha\alpha,4\alpha,7\alpha,7a\alpha$)-3a,4,7,7a-Tetrahydro-2-(2-methoxy-3-dibenzofuranyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione,

- $\label{eq:continuous} 5 \qquad (3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-Tetrahydro-2-(2,3,4-trifluorophenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(2,3-Dihydro-2-methyl-1,3-dioxo-1H-isoindol-5-yl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7a,7a\alpha)-2-(3a\alpha,4\alpha,7a,7a\alpha$
- 10 (3aα,4α,7α,7aα)-2-[3-[(Diethylamino)methyl]-4-hydroxyphenyl]-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-[4-(methoxymethyl)-2-oxo-2H-1-benzopyran-7-yl]-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(6-Benzothiazolyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-
 - Benzothiazolyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)-2-methoxybenzoic acid, methyl ester, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -5-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)-2-methylbenzonitrile, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2-oxo-2H-1-benzopyran-6-yl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2-methyl-8-quinolinyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2,3,5,6)-
 - 1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2,3,5,6-tetramethyl-4-nitrophenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -3a,4,7,7a-Tetrahydro-2-(2,4,5-trimethylphenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(4-Fluoro-3-
- 25 methylphenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(3-methoxy-4-methylphenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-N-Ethyl-5-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)-2-methyl-N-phenylbenzenesulfonamide, (3aα,4α,7α,7aα)-2,6-Dibromo-4-
- 30 (1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)benzenesulfonamide, $(3a\alpha,4\alpha,8\alpha,8a\alpha)$ -2-(2,3-Dimethyl-1H-indol-5-yl)-

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3a.4.7.7a-tetrahvdro-4.7-ethano-1H-isoindole-1,3(2H)-dione, (3aα.4α.7α.7aα)-2-(3-Dibenzofuranyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(2'hvdroxv[1,1':3',1"-terphenvl]-5'-vl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα.4α.7α.7aα)-3a.4.7.7a-Tetrahydro-2-(5.6.7.8-tetrahydro-3-hydroxy-2naphthalenvl)-4.7-ethano-1H-isoindole-1.3(2H)-dione, (3αα,4α,7α,7αα)-2-(1.3-Dihydro-2.2-dioxidobenzo[c]thiophen-5-vl)hexahydro-4,7-ethano-1Hisoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-3α,4.7.7α-Tetrahydro-2-(2hydroxy-4,5-dimethylphenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione. 1,4-benzodioxin-6-yl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα.4α.7α.7aα)-3a.4.7.7a-Tetrahydro-2-(1H-indazol-5-vl)-4.7-ethano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(4-Amino-2,3,5,6tetrafluorophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)dione, (3aα,4α,7α,7aα)-2-(4-Bromo-3-chlorophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(5-hydroxy-1-naphthalenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-N-[2-Chloro-6-fluoro-4-(1,3,3a,4.7.7ahexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)phenyllacetamide, (3aα.4α.7α.7aα)-4-(1.3.3a.4.7.7a-Hexahvdro-1,3-dioxo-4,7-ethano-2Hisoindol-2-vl)-2-(trifluoromethyl)benzonitrile, (3aα,4α,7α,7aα)-5-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-yl)-2-(4morpholinyl)benzoic acid, methyl ester, (3aα,4α,7α,7aα)-2-Fluoro-5-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-ethano-2H-isoindol-2-

25 yl)benzonitrile, $(3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Bromophenyl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, <math>(3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-$ Tetrahydro-2-(2-naphthalenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-$ Tetrahydro-2-[3-(trifluoromethyl)phenyl]-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)-3a,4,7,7a-$ Tetrahydro-30 2-(4-nitrophenyl)-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,6\alpha,8a\alpha)-2-(9-$ Ethyl-9H-carbazol-3-yl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,6\alpha,8a\alpha)-2-(9-$ Ethyl-9H-carbazol-3-yl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,6\alpha,6\alpha,8a\alpha)-2-(9-$ Ethyl-9H-carbazol-3-yl)-3a,4,7,7a-tetrahydro-4,7-ethano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,6\alpha,6\alpha,6\alpha)-2-(4-$

$$\label{eq:condition} \begin{split} &1,3(2H)\text{-dione, } (3a\alpha,4\alpha,8\alpha,8a\alpha)\text{-}2\text{-}(1,2\text{-Dihydro-}8\text{-methyl-}2\text{-}oxo\text{-}4\text{-}\\ &(\text{trifluoromethyl)-}7\text{-quinolinyl]-}3a,4,7,7a\text{-tetrahydro-}4,7\text{-ethano-}1H\text{-}\\ &\text{isoindole-}1,3(2H)\text{-dione, } (3a\alpha,4\alpha,7\alpha,7a\alpha)\text{-}2\text{-}[3,5\text{-}] \end{split}$$

Bis (trifluoromethyl) phenyl] tetrahydro-4, 7-ethano-1 H-iso indolesis (trifluoromethyl) phenyll pheny

- 5 1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(1,2,3,4-tetrahydro-1-naphthalenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2,3-Dihydro-1H-inden-5-yl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -4-(Octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)-1-naphthalenecarbonitrile, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-
- 10 (4-Chloro-1-naphthalenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-Tetrahydro-2-(4-nitro-1naphthalenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-Tetrahydro-2-(2-naphthalenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-Tetrahydro-2-(5-quinolinyl)-4,7
 - ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(6-quinolinyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(5-isoquinolinyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,
- $20 \quad (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(3,5-Dinitrophenyl) tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(2,5-Dibromophenyl) tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-Tetrahydro-2-(2,4,5-trifluorophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, \\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[2-Fluoro-5-(trifluoromethyl)phenyl] tetrahydro-4,7-$
- 25 ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2-Fluoro-5-methylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(2,4,5-trichlorophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(2-Chloro-4-nitrophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,
- $30 \quad (3a\alpha, 4\alpha, 7\alpha, 7a\alpha) 2 [2 Chloro 5 (trifluoromethyl)phenyl] tetrahydro 4, 7 ethano 1 H isoindole 1, 3, 5 (2 H, 4 H) trione, (3a\alpha, 4\alpha, 7\alpha, 7a\alpha) 2 (3 1) (3a\alpha, 4\alpha, 7\alpha, 7a\alpha) 2 (3 1) (3a\alpha, 4\alpha, 7\alpha, 7a\alpha) 2 (3a\alpha, 4\alpha, 7\alpha, 7\alpha, 7a\alpha)$

 $Fluorophenyl) tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,\\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(3,4-Difluorophenyl) tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,\\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(3,5-Difluorophenyl) tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,\\ (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(3-2)$

- 5 Chlorophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(3-Chloro-4-fluorophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(3,4-Dichlorophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-Tetrahydro-2-(3,4,5-trichlorophenyl)-4,7-ethano-1H-0 isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(3-Chloro-4-
- isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-methylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(3-iodophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(3-nitrophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-
 - Acetylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-[3-(trifluoromethyl)phenyl]-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3,4-Dimethylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3,5-Dimethylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-
- 20 isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-2-(3-Ethylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-2-(4-Bromophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-2-(4-Fluoro-3nitrophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,
- 25 $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-[4-Fluoro-3-(trifluoromethyl)phenyl]tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(4-Chloro-3-nitrophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(4-iodophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(4-nitrophenyl)-4,7-
- 30 ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-Tetrahydro-2-[4-(1-methylethyl)phenyl]-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,

 $(3a\alpha,4\alpha,7\alpha,7a\alpha)\text{-}Tetrahydro-2-(4-methyl-3-nitrophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-4-(Octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzeneacetonitrile, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Ethylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,$

- $\label{eq:continuous} 5 \quad (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-[4-[2-(Acetyloxy)ethyl]phenyl]tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-Tetrahydro-2-(4-propylphenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-Tetrahydro-2-(2,3,4-trifluorophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Bromo-2,6-$
- isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(4-Bromo-2,6-difluorophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(6-Benzothiazolyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(2-methyl-8-quinolinyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(4-Fluoro-3-methylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(1,3-Dihydro-3-oxo-5-isobenzofuranyl)tetrahydro-4,7-

ethano-1H-isoindole-1.3.5(2H.4H)-trione, (3aa.4a.7a.7aa)-N-[2-Nitro-4-

- (octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)phenyl]acetamide,
 20 (3aα,4α,7α,7aα)-2-(2-Ethyl-5-nitrophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-Tetrahydro-2-(2-methyl-5-benzofuranyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,
 (3aα,4α,7α,7aα)-Tetrahydro-2-(1H-indazol-5-yl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(4-Bromo-3-
- 25 chlorophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,
 (3aα,4α,7α,7aα)-Tetrahydro-2-[3-(trifluoromethoxy)phenyl]-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-4-(Octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)-2-(trifluoromethyl)benzonitrile,
 (3aα,4α,7α,7aα)-Tetrahydro-2-[2-(methylsulfonyl)-4-nitrophenyl]-4,7 30 ethano-1H-isoindole-1,3,5(2H,4H)-trione; (3aα,4α,7α,7aα)-2-(3,5-
 - 0 ethano-1H-isoindole-1,3,5(2H,4H)-trione; (3αα,4α,7α,7αα)-2-(3,5-Dibromophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,

 $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(3-iodo-4-methylphenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-iodophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(2-methyl-6-quinolinyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(2-methyl-6-quinolinyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Tetrahydro-2-(2-

- isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-Tetrahydro-2-[2-(methylthio)-5-(trifluoromethyl)phenyl]-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(4-Bromo-2,6-diethylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-Tetrahydro-2-[4-(trifluoromethyl)phenyl]-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(4-Chloro-3
 - methylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)\text{-Tetrahydro-2-[4-(methoxymethyl)-2-oxo-2H-1-benzopyran-7-yl]-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,}$
 - $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -N-Methyl-3-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzamide, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(6-Acetyl-1,3-benzodioxol-5-
 - yl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3a α ,4 α ,7 α ,7a α)-Tetrahydro-2-(3,4,5-trifluorophenyl)-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3a α ,4 α ,7 α ,7a α)-2-Bromo-5-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-vl)benzoic acid. methyl ester.

- isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(3,5-Dichlorophenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-[4-Bromo-3-(trifluoromethyl)phenyl]tetrahydro-4,7ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-(4-Bromo-3methylphenyl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione,

- 5 1,3-benzodioxol-5-yl)tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-[4-(4-Chlorophenoxy)-2-(trifluoromethyl)phenyl]tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3aα,4α,7α,7aα)-2-Fluoro-5-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, (3aα,4α,7α,7aα)-2-Chloro-4-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, (3aα,4α,7α,7aα)-2-Chloro-4-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, (3aα,4α,7α,7aα)-2-Chloro-4-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, (3aα,4α,7α,7aα)-2-Chloro-4-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, (3aα,4α,7α,7aα)-2-Chloro-4-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, (3aα,4α,7α,7αα)-2-Chloro-4-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, (3aα,4α,7α,7-ethano-2-yl)benzonitrile, (3aα,4α,7α,7-ethano-2-yl)benzonitril
- 10 trioxo-4,7-ethano-2H-isoindol-2-yl)benzonitrile, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -N-[4-(Octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)-2-(trifluoromethyl)phenyl]acetamide, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-[4-(1,1-Dimethylethyl)-3-nitrophenyl]tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione
- 20 (1,1-Dimethylethyl)phenyl]tetrahydro-4,7-ethano-1H-isoindole-1,3,5(2H,4H)-trione, (3αα,4α,7α,7αα)-N-Butyl-3-(octahydro-1,3,5-trioxo-4,7-ethano-2H-isoindol-2-yl)benzenesulfonamide, (3αα,4β,4αα,5αα,6β,6αα)-2-(3,4-Dichlorophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-2-
- 25 (4-Bromo-3-methylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(1-naphthalenyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(2-naphthalenyl)-4,6-
- 30 ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4.4a.5.5a.6.6a-Hexahydro-2-[3-(trifluoromethyl)phenyl]-4,6-

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ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3a α ,4 β ,4a α ,5a α ,6 β ,6a α)-2-(3,5-Dichlorophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-

ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4.4a.5.5a.6.6a-Hexahvdro-2-[4-nitro-3-(trifluoromethyl)phenyl]-4.6-

5 ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-2-[3,5-Bis(trifluoromethyl)phenyl]-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-4,4a,5,5a,6,6a-Hexahydro-2-(1,2,3,4-tetrahydro-1-naphthalenyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-2-

 $\label{eq:continuous} (2,3-Dihydro-1H-inden-5-yl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3a<math>\alpha$,4 β ,4a α ,5a α ,6 β ,6a α)-4-(Octahydro-1,3-dioxo-4,6-ethanocycloprop[f]isoindol-2(1H)-yl)-1-naphthalenecarbonitrile, (3a α ,4 β ,4a α ,5a α ,6 β ,6a α)-2-(4-Bromo-1-

 $naphthal enyl) \hbox{-} 4,4a,5,5a,6,6a \hbox{-} hexahydro-4,6-ethanocycloprop [f] is oin dole-all for the contraction of the contract$

 $\label{eq:continuity} 1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-(4-Chloro-1-naphthalenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-(5-quinolinyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione,$

 $(3a\alpha,\!4\beta,\!4a\alpha,\!5a\alpha,\!6\beta,\!6a\alpha)\text{--}4,\!4a,\!5,\!5a,\!6,\!6a\text{-Hexahydro-2-(6-quinolinyl)--4,}6\text{--}4)$

ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(5-isoguinolinyl)-4,6-

 $25 \qquad (3,5\text{-Dinitrophenyl})\text{-}4,4a,5,5a,6,6a\text{-hexahydro-}4,6-$

ethanocycloprop [f]isoindole-1,3(2H,3aH)-dione, (3a α ,4 β ,4a α ,5a α ,6 β ,6a α)-4,4a,5,5a,6,6a-Hexahydro-2-(2,4,5-trifluorophenyl)-4,6-

ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -2-[2-Fluoro-5-(trifluoromethyl)phenyl]-4,4a,5,5a,6,6a-hexahydro-4,6-

ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -2-(2-Fluoro-5-methylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-

- ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3a α ,4 β ,4a α ,5a α ,6 β ,6a α)-2-(2-Chloro-4-nitrophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-
- ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -2-[2-Chloro-5-(trifluoromethyl)phenyl]-4.4a.5.5a.6.6a-hexahydro-4.6-
- - (3,4-Difluorophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3\alpha\alpha,4\beta,4\alpha\alpha,5\alpha\alpha,6\beta,6\alpha\alpha)$ -2-
- 10 (3-Fluoro-4-methylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6
 - ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -2-(3,5-Difluorophenyl)-4,4a,5,5a,6,6a-hexahvdro-4,6-
 - ethanocycloprop(flisoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -2-(3-Chlorophenyl)-4.4a.5.5a.6.6a-hexahvdro-4.6-
 - ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -2-(3-Chloro-4-fluorophenyl)-4.4a.5.5a.6.6a-hexahydro-4.6
 - ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4.4a.5.5a.6.6a-Hexahvdro-2-(3.4.5-trichlorophenyl)-4.6-
 - ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-2-
- 20 (3-Chloro-4-methylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(3-iodophenyl)-4.6
 - ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(3-nitrophenyl)-4,6-
- 25 ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-2-(3-Acetylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-2-(3,4-Dimethylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-2-(3,5-Dimethylphenyl)-4,4a,5,5a,6,6a-
- 30 hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-[3-

(hydroxymethyl)phenyl]-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3\alpha\alpha,4\beta,4\alpha\alpha,5\alpha\alpha,6\beta,6\alpha\alpha)$ -2-(3-Ethylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3\alpha\alpha,4\beta,4\alpha\alpha,5\alpha\alpha,6\beta,6\alpha\alpha)$ -4-(Octahydro-1,3-dioxo-4,6-

- $\label{eq:controlled} 5 \quad ethanocycloprop[f] isoindol-2(1H)-yl) benzonitrile, \\ (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-(4-Bromophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f] isoindole-1,3(2H,3aH)-dione, \\ (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-[4-Bromo-3-(trifluoromethyl) phenyl]-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f] isoindole-1,3(2H,3aH)-dione, \\ (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-ethanocycloprop[f] isoindole-1,3(2H,3aH)-dione, \\ (3a\alpha,4\beta,4a\alpha,5a\alpha,6a\alpha,6a\alpha)-2-ethanocycloprop[f] isoindole-1,3(2H,3aH)-dione, \\ (3a\alpha,4\beta,4a\alpha,6a\alpha,6a\alpha)-2-ethanocycloprop[f] isoindole-1,3(2H,3aH)-dione, \\ (3a\alpha,4\beta,4a\alpha,6a\alpha,6a\alpha,6a\alpha,6a\alpha$
- $\label{eq:continuous} 10 \quad (4\text{-Fluoro-3-nitrophenyl})-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-[4\text{-Fluoro-3-(trifluoromethyl})phenyl]-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-(4\text{-Chloro-3-nitrophenyl})-4,4a,5,5a,6,6a-hexahydro-4,6-$
- 15 ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(4-iodophenyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-(4-nitrophenyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -20 4,4a,5,5a,6,6a-Hexahydro-2-[4-(1-methylethyl)phenyl]-4,6-
 - 4,4a,5,5a,6,6a-Hexahydro-2-(4-methyl-3-nitrophenyl)-4,6ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-(4-methyl-3-nitrophenyl)-4,6ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4-(Octahydro-1,3-dioxo-4,6-ethanocycloprop[flisoindol-2(1H)-
- 30 trifluorophenyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)\text{-}2\text{-}[4\text{-}(1,1\text{-}Dimethylethyl)\text{-}3\text{-}nitrphenyl}]\text{-}$

- 4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f] is oin dole-1,3(2H,3aH)-dione
- $(3ac,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -2-(4-Bromo-2,6-difluorophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione,
- (3αα,4β,4αα,5αα,6β,6αα)-2-(6-Benzothiazolyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione,
 (3αα,4β,4αα,5αα,6β,6αα)-4,4a,5,5a,6,6a-Hexahydro-2-(2-methyl-8-quinolinyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione,
 (3αα,4β,4αα,5αα,6β,6αα)-2-(4-Fluoro-3-methylphenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindola-1,3(2H,3aH)-dione,
- 10 hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-2-(1,3-Dihydro-3-oxo-5-isobenzofuranyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)dione, (3aα,4β,4aα,5aα,6β,6aα)-N-[2-Nitro-4-(octahydro-1,3-dioxo-4,6ethanocycloprop[f]isoindol-2(1H)-yl)phenyl]acetamide,
- $\label{eq:continuous} 15 \quad (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-(5-Acetyl-2-methyl-4-nitrophenyl)-\\ 4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-(2-Ethyl-5-nitrophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-(2-methyl-5-$
- 20 benzofuranyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-2-(2,3-Dihydro-1-oxo-1H-inden-5-yl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-(1H-indazol-5-yl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione,
- 30 (trifluoromethoxy)phenyl]-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)dione, (3aα,4β,4aα,5aα,6β,6aα)-4-(Octahydro-1,3-dioxo-4,6-

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- hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-(3-iodo-4-methylphenyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, \\ (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-(3-Chloro-4-iodophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione,$
- $\label{eq:continuous} \begin{array}{ll} 10 & (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-(2-methyl-6-quinolinyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione,\\ & (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-[4-(trifluoromethyl)phenyl]-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-2-(4-Chloro-3-methyl)phenyl)- \end{array}$
 - $4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f] isoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-[4-(methoxymethyl)-2-oxo-2H-1-benzopyran-7-yl]-4,6-ethanocycloprop[f] isoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-(2-oxo-2H-1-benzopyran-6-yl)-4,6-$
- 20 ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-[2-[(1-methylethyl)aminol-5-(trifluoromethyl)phenyl]-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)dione, (3aα,4β,4aα,5aα,6β,6aα)-2-(3-Chloro-4-nitrophenyl)-4,4a,5,5a,6,6ahexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione,

dioxo-4,6-ethanocycloprop[f]isoindol-2(1H)-yl)-1-naphthalenesulfonamide, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-[4-[(trifluoromethyl)thio]phenyl]-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, $(3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)$ -4,4a,5,5a,6,6a-Hexahydro-2-

- $\label{eq:continuous} 5 \quad [2-(2-methoxyphenoxy)-5-(trifluoromethyl)phenyl]-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-4,4a,5,5a,6,6a-Hexahydro-2-[4-(1,1,2,2-tetrafluoroethoxy)phenyl]-4,6-ethanocycloprop[flisoindole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,4a\alpha,5a\alpha,6\beta,6a\alpha)-N-[4-(Octahydro-1,3-dioxo-4,6-ethanocycloprop[flisoindol-2(1H)-yl)-2-$
- 10 (trifluoromethyl)phenyl]acetamide, (3aα,4β,4aα,5aα,6β,6aα)-2-(3-Acetyl-4-nitrophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-2-[3-(1,1-Dimethylethyl)phenyl]-4,4a,5,5a,6,6a-hexahydro-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-
- 15 N-Butyl-3-(Octahydro-1,3-dioxo-4,6-ethanocycloprop[f]isoindol-2(1H)-yl)benzenesulfonamide, (3αα,4β,4αα,5αα,6β,6αα)-4,4α,5,5α,6,6α-Hexahydro-2-[2-methyl-3-(trifluoromethyl)phenyl]-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3αα,4β,4αα,5αα,6β,6αα)-2-Fluoro-5-(Octahydro-1,3-dioxo-4,6-ethanocycloprop[f]isoindol-2(1H)-
- 20 yl)benzonitrile, (3aα,4β,4aα,5aα,6β,6aα)-N-Methyl-3-(octahydro-1,3-dioxo-4,6-ethanocycloprop[f]isoindol-2(1H)-yl)benzamide, (3aα,4β,4aα,5aα,6β,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-(4-nitro-1-naphthalenyl)-4,6-ethanocycloprop[f]isoindole-1,3(2H,3aH)-dione, 2-(2-Fluorenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-[3-Chloro-4-(4-
- 25 morpholinyl)phenyl]hexahydro-1H-isoindole-1,3(2H)-dione, 2-(2,3-Dihydro-1H-inden-5-yl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Bromo-1-naphthalenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Chloro-1-naphthalenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(3-iodo-4-methylphenyl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(4-nitro-1-
- 30 naphthalenyl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(1H-indol-5-yl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(5-quinolinyl)-1H-isoindole-

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1,3(2H)-dione, Hexahydro-2-(1H-indazol-6-yl)-1H-isoindole-1,3(2H)-dione, 2-(1,3-Benzodioxol-5-yl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(3-Fluoro-4-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(8-quinolinyl)-1H-isoindole-1,3(2H)-dione, 2-(2,3-yl)-1H-isoindole-1,3(2H)-dione, 2-(3-yl)-1H-isoindole-1,3(2H)-dione, 2-(3-yl)-1H-isoindole-1,3(2H)-

- Hexahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(8-quinolinyl)-1H-isoindole-1,3(2H)-dione, 2-(2,3-Dihydro-1,4-benzodioxin-6-yl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(5-isoquinolinyl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(2,4,5-trifluorophenyl)-1H-isoindole-1,3(2H)-dione,
- Hexahydro-2-(2,4,5-trichlorophenyl)-1H-isoindole-1,3(2H)-dione,
 Hexahydro-2-(2,3,4,6-tetrafluorophenyl)-1H-isoindole-1,3(2H)-dione,
 (3,4-Difluorophenyl)hexahydro-1H-isoindole-1,3(2H)-dione,
 1-Acetyl-2,3-dihydro-6-(octahydro-1,3-dioxo-2H-isoindol-2-yl)-1H-indole,
 2-(3-Chloro-4-fluorophenyl)hexahydro-1H-isoindole-1,3(2H)-dione,
 2-(3,4-Dichlorophenyl)hexahydro-1H-isoindole-1,3(2H)-dione,
 3-(3,4-Dichlorophenyl)hexahydro-1H-isoindole-1,3(2H)-dione,
 - Dichlorophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(3,4,5-trichlorophenyl)-1H-isoindole-1,3(2H)-dione, 2-(3-Chloro-4-methoxyphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(3-Chloro-4-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(2-methyl-1-naphthalenyl)-1H-isoindole-1,3(2H)-dione, 2-(4-Chloro-3-methyl-1-naphthalenyl)-1H-isoindole-1,3(2H)-dione, 2-(4-Chloro-3-methyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1-naphthalenyl-1
 - methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(3,4-Dimethylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-[4-Bromo-3-(trifluoromethyl)phenyl]hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Bromo-3-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Fluoro-3-nitrophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-[4-Fluoro-3-
- 25 (trifluoromethyl)phenyl]hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Chloro-3-nitrophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-[4-Chloro-3-(trifluoromethyl)phenyl]hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Chloro-2-methoxy-5-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(3-Fluoro-4-methoxyphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-
- 30 Bromo-5-(octahydro-1,3-dioxo-2H-isoindol-2-yl)benzoic acid, methyl ester, Hexahydro-2-(4-methyl-3-nitrophenyl)-1H-isoindole-1,3(2H)-dione,

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Hexahydro-2-(3,4,5-trimethoxyphenyl)-1H-isoindole-1,3(2H)-dione, 2-(3,4-Dimethoxyphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-[2-(2-pyridinyl)-1H-benzimidazol-5-yl]-1H-isoindole-1,3(2H)-dione, 2-(9-Ethyl-9H-carbazol-3-yl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(2-methoxy-3-dibpractive payl) 1H isoindole-1,3(2H)-dione, Hexahydro-2-(2-methoxy-3-dibpractive payl) 1H isoindole-1,3(2H)-dione, Hexahydro-2-(2-methoxy-3-dibpractive payl) 1H isoindole-1,3(2H)-dione, Hexahydro-2-(3-methoxy-3-dibpractive payl) 1H isoindole-1,3(2H)-dione,

- Ethyl-9H-carbazol-3-yl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(2-methoxy-3-dibenzofuranyl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(2,3,4-trifluorophenyl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-methyl-5-(octahydro-1,3-dioxo-2H-isoindol-2-yl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-[6-(methylthio)-5-nitro-8-quinolinyl]-1H-isoindole-1,3(2H)-dione, 2-[2,5-Dichloro-4-(1H-pyrrol-1-yl)phenyl]hexahydro-1H-isoindole-
- 10 1,3(2H)-dione, Hexahydro-2-(6-methyl-5-quinolinyl)-1H-isoindole-1,3(2H)-dione, N-(1,1-Dimethylethyl)-5-(octahydro-1,3-dioxo-2H-isoindol-2-yl)-1-naphthalenesulfonamide, Hexahydro-2-[4-(methoxymethyl)-2-oxo-2H-1-benzopyran-7-yl]-1H-isoindole-1,3(2H)-dione, 2-(6-
 - Benzothiazolyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-Methoxy-4(octahydro-1,3-dioxo-2H-isoindol-2-yl)benzoic acid, methyl ester, 2-Methyl5-(octahydro-1,3-dioxo-2H-isoindol-2-yl)benzonitrile, Hexahydro-2-(2-oxo2H-1-benzopyran-6-yl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(2methyl-8-quinolinyl)-1H-isoindole-1,3(2H)-dione, 2-[3,5Bis(trifluoromethyl)phenyllhexahydro-1H-isoindole-1,3(2H)-dione.
- Hexahydro-2-(2,4,5-trimethylphenyl)-1H-isoindole-1,3(2H)-dione, 2-(4-Fluoro-3-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(3-methoxy-4-methylphenyl)-1H-isoindole-1,3(2H)-dione, N-Ethyl-2-methyl-5-(octahydro-1,3-dioxo-2H-isoindol-2-yl)-N-phenylbenzenesulfonamide, 2-(2,3-Dimethyl-1H-indol-5-yl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(3-Dibenzofuranyl)hexahydro-1H-isoindole-
- isoindole-1,3(2H)-dione, 2-(3-Dibenzofuranyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Bromophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(3-Chloro-4-nitrophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(1,3-Dihydro-2,2-dioxidobenzo[c]thiophen-5-yl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(6-nitro-2-naphthalenyl)-1H-isoindole-1,3(2H)-dione,
- 30 Hexahydro-2-(1H-indazol-5-yl)-1H-isoindole-1,3(2H)-dione, 2-(4-Amino-2,3,5,6-tetrafluorophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-

 $\label{lem:brown-3-chlorophenyl} Bromo-3-chlorophenyl) hexahydro-1H-isoindole-1,3(2H)-dione, 2-(1,2-Dihydro-4-methyl-2-oxo-7-quinolinyl) hexahydro-1H-isoindole-1,3(2H)-dione, 4-(Octahydro-1,3-dioxo-2H-isoindol-2-yl)-2-$

- (trifluoromethyl)benzonitrile, Hexahydro-2-(9-oxo-9H-fluoren-1-yl)-1H-isoindole-1,3(2H)-dione, 2-Fluoro-5-(octahydro-1,3-dioxo-2H-isoindol-2-yl)benzonitrile, Hexahydro-2-(9-oxo-9H-fluoren-2-yl)-1H-isoindole-1,3(2H)-dione, 2-(3-Chloro-4-iodophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Bromo-2,3,5,6-tetrafluorophenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(2,3,5,6-tetramethyl-4-nitrophenyl)-1H-isoindole-1,3(2H)-
- dione, Hexahydro-2-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-6-yl)-1H-isoindole-1,3(2H)-dione, 2-(3-Bromo-4-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, 2-(4-Bromo-2-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, Hexahydro-2-(1-naphthalenyl)-1H-isoindole-1,3(2H)-dione, 2-(3-Chloro-2-methylphenyl)hexahydro-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-(2-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(2-Amino-4,5-dichlorophenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-(8-hydroxy-5-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-(1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-(1-naphthalenyl)-4
 - quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Hexahydro-2-(1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -4-(Octahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1-naphthalenecarbonitrile, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -Hexahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione,
- 30 isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chlorophenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\alpha,7\alpha,7a\alpha)$ -2-(3-Chloro-4-

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fluorophenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-2-[4-Bromo-3-(trifluoromethyl)phenyllhexahydro-4,7-methano-1H-isoindole-1,3(2H)dione, (3aα.4α.7α.7aα)-2-(4-Bromo-3-methylphenyl)hexahydro-4,7methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(1,2-Dihydro-4methyl-2-oxo-7-quinolinyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)dione, (3aα,4α,7α,7aα)-Hexahydro-2-(4-pyridinyl)-4,7-methano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-(1-oxido-4pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-(6-quinolinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα.4α.7α.7aα)-Hexahvdro-2-(1-oxido-6-quinolinyl)-4,7-methano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-(5-nitro-8isoquinoliny)-4,7-methano-1H-isoindole-1,3(2H)-dione, trifluoroacetate (1:1), (3aα,4α,7α,7aα)-Hexahydro-2-[4-(methylsulfonyl)phenyll-4,7methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Hexahydro-2-[4-(methylthio)phenyll-4.7-methano-1H-isoindole-1.3(2H)-dione, (3aα,4α,7α,7aα)-4-(Octahydro-1,3-dioxo-4,7-methano-2H-isoindol-2yl)benzenesulfonamide, (3aα,4α,7α,7aα)-Hexahvdro-2-[4-(methylsulfinyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-(4-Fluoro-1-naphthalenyl)hexahydro-4,7-methano-1Hisoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-4-(Octahydro-1,3-dioxo-4,7methano-2H-isoindol-2-vl)-1-naphthalenecarboxylic acid, methyl ester,

25 yl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha$, 4α , 7α , $7a\alpha$)-Hexahydro-2-(6-hydroxy-3-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha$, 4α , 7α , $7a\alpha$)-2-(1,2-Benzisothiazol-3-yl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha$, 4α , 7α , $7a\alpha$)-2-(3-Benzofuranyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, ($3a\alpha$, 4α , 7α , $7a\alpha$)-3-(Octahydro-30 1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-2-benzofurancarboxylic acid,

(3aα,4α,7α,7aα)-2-(1,1-Dioxido-2H-naphth[1,8-cd]isothiazol-5-

methyl ester, $(3a\alpha, 4\alpha, 7\alpha, 7a\alpha)$ -Hexahydro-2-[4-(4-isothiazolyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione,

(3aα,4α,4aβ,5aβ,6α,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-[3-(trifluoromethyl)phenyl]-4,6-methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4α,4aβ,5aβ,6α,6aα)-

- 5 4,4a,5,5a,6,6a-Hexahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-4,6-methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4α,4aβ,5aβ,6α,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-(4-nitro-1-naphthalenyl)-4,6-methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4α,4aβ,5aβ,6α,6aα)-2-(1,2-Dihydro-4-methyl-2-oxo-7-quinolinyl)-4,4a,5,5a,6,6a-hexahydro-4,6-
- methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-[3-(trifluoromethyl)phenyl]-4,6-methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-2-(3,5-Dichlorophenyl)-4,4a,5,5a,6,6a-hexahydro-4,6-methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-4,4a,5,5a,6,6a-Hexahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-4,6-methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,4aα,5aα,6β,6aα)-2-(1,2-Dihydro-4-methyl-2-oxo-7-quinolinyl)-4,4a,5,5a,6,6a-hexahydro-4,6-methanocycloprop[f]isoindole-1,3(2H,3aH)-dione, (3aα,4β,7β,7aα)-3a,4,7,7a-tetrahydro-2-(2-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4β,7β,7aα)-Hexahydro-2-(1-naphthalenyl)-4,7-methano-1H-
- 20 isoindole-1,3(2H)-dione, (3a α ,4 β ,7 β ,7a α)-2-(3,5-Dichlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a α ,4 β ,7 β ,7a α)-3a,4,7,7a-Tetrahydro-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a α ,4 β ,7 β ,7a α)-3a,4,7,7a-Tetrahydro-2-(4-methyl-2-oxo-2H-1-benzopyran-7-yl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a α ,4 β ,7 β ,7a α)-3a,4,7,7a-Tetrahydro-2-
- 25 [4-nitro-3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4β,7β,7aα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4β,7β,7aα)-Hexahydro-2-(2-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4β,7β,7aα)-Hexahydro-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4β,7β,7aα)-30 2-(3.5-Dichlorophenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione.
 - 2-(3,5-Dichlorophenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4β,7β,7aα)-Hexahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione,

- $isoindole-1,3(2H)-dione, (3a\alpha,4\beta,7\beta,7a\alpha)-Hexahydro-2-(4-nitro-1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\beta,7\beta,7a\alpha)-2-(1,2-Dihydro-4-methyl-2-oxo-7-quinolinyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,5\alpha,7\alpha,7a\alpha)-Hexahydro-2-(2-naphthalenyl)-5-phenyl-4,7-methano-1H-$
- (3αα, 4α, 5α, 7α, 7αα)-Hexahydro-2-(2-naphthalenyl)-5-phenyl-4,7-methano-1Hisoindole-1,3(2H)-dione, (3αα, 4α, 5α, 7α, 7αα)-Hexahydro-5-phenyl-2-[3(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione,
 (3αα, 4α, 5α, 7α, 7αα)-Hexahydro-2-(1-naphthalenyl)-5-phenyl-4,7-methano-1Hisoindole-1,3(2H)-dione, (3αα, 4α, 5α, 7α, 7αα)-2-(3,4-Dichlorophenyl)hexahydro-5phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα, 4α, 5α, 7α, 7αα)-2-(3,5-
- Dichlorophenyl)hexahydro-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione,
 (3αα,4α,5α,7α,7αα)-2-(1,2-Dihydro-4-methyl-2-oxo-7-quinolinyl)hexahydro-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,5β,7α,7αα)-2-(1,2-Dihydro-4-methyl-2-oxo-7-quinolinyl)hexahydro-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, trifluoroacetate (1:1), (3αα,4α,5β,7α,7αα)-Hexahydro-5-phenyl-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione,
 - (3a α ,4 α ,5 α ,7 α ,7a α)-Hexahydro-2-[4-nitro-3-(trifluoromethyl)phenyl]-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a α ,4 α ,5 α ,7 α ,7a α)-Hexahydro-2-(4-nitro-1-naphthalenyl)-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione,
- $(3a\alpha,4\alpha,5\beta,7\alpha,7a\alpha)-Hexahydro-2-(4-nitro-1-naphthalenyl)-5-phenyl-4,7-methano-\\ 20 \qquad IH-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,5\beta,7\alpha,7a\alpha)-Hexahydro-2-[4-nitro-3-$
 - (trifluoromethyl)phenyl]-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4β,8β,8aα)-4,5,6,7,8,8a-Hexahydro-2-(4-nitro-1-naphthalenyl)-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3aα,4β,8β,8aα)-4,5,6,7,8,8a-
 - Hexahydro-2-(4-nitrophenyl)-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione,
- $25 \qquad (3a\alpha,4\beta,8\beta,8a\alpha)-4,5,6,7,8,8a-Hexahydro-2-(2-naphthalenyl)-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,8\beta,8a\alpha)-2-[4-Bromo-3-(trifluoromethyl)phenyl]-4,5,6,7,8,8a-hexahydro-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,8\beta,8a\alpha)-2-(3,4-Dichlorophenyl)-4,5,6,7,8,8a-hexahydro-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3a\alpha,4\beta,8\beta,8a\alpha)-2-(3,4-Dichlorophenyl)-4,5,6,7,8,8a-hexahydro-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3a\alpha,4b,8b,8a\alpha)-2-(3,4-Dichlorophenyl)-4,5,6,7,8,8a-hexahydro-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3a\alpha,4b,8b,8a\alpha)-2-(3a\alpha,4b,8b,8a\alpha)-2-(3a\alpha,4b,8b,8a\alpha)-2-(3a\alpha,4b,8b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4b,8a\alpha)-2-(3a\alpha,4$
- 4,8-ethanocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3aα,4β,8β,8aα)-4,5,6,7,8,8a Hexahydro-2-(4-nitro-1-naphthalenyl)-4,8-ethanocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, (3aα,4β,8β,8aα)-2-(3,4-Dichlorophenyl)-4,5,6,7,8,8a-hexahydro-4,8-

ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, $(3\alpha\alpha,4\beta,8\beta,8\alpha\alpha)$ -2-(3,5-Dichlorophenyl)-4,5,6,7,8,8a-hexahydro-4,8-ethenocyclohepta[c]pyrrole-1,3(2H,3aH)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-3a,4,7,7a-tetrahydro-2-(3-nitrophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -

- $\label{eq:continuous} 5 \qquad 4,5,6,7,8,8-Hexachloro-2-[4-(methylthio)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-4,5,6,7,8,8-Hexachloro-2-(5-chloro-2-methoxyphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-4,5,6,7,8,8-Hexachloro-3a,4,7,7a-tetrahydro-2-(3-methoxyphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-4,5,6,7,8,8-Hexachloro-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-4,5,6,7,8,8-Hexachloro-1H-isoindole-1$
- 4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-4,5,6,7,8,8-Hexachloro3a,4,7,7a-tetrahydro-2-(1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione,
 (3αα,4α,7α,7αα)-4,5,6,7,8,8-Hexachloro-2-(2,3-dimethylphenyl)-3a,4,7,7atetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-4,5,6,7,8,8Hexachloro-2-(3,4-dichlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole1,3(2H)-dione, (3αα,4α,7α,7αα)-2-(4-Bromophenyl)4,5,6,7,8,8-hexachloro-3a,4,7,7atetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-4,5,6,7,8,8Hexachloro-3a,4,7,7a-tetrahydro-2-[2-methyl-5-(1-methylethyl)phenyl]-4,7-methano1H-isoindole-1,3(2H)-dione, (3αα,4α,7α,7αα)-N-(2-cyanophenyl)-1,4,5,6,7,7hexachloro-5-norbomene-2,3-dicarboximide, (3αα,4α,7α,7αα)-4,5,6,7,8,8Hexachloro-2-(3-chloro-4-methylphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-
- 20 isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(2,3-dichlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-3a,4,7,7a-tetrahydro-2-[3-(methylthio)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha,7\alpha\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha,7\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha,7\alpha)$ -4,5,6,7,8,8-Hexachloro-2-(4-fluoro-3-nitrophenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,7\alpha,7\alpha,7\alpha)$ -4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,\alpha,\alpha,\alpha,\alpha)$ -4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,\alpha,\alpha,\alpha,\alpha)$ -4,7-methano-1H-isoindole-1,3(2H)-dione, $(3\alpha\alpha,4\alpha,\alpha,\alpha,\alpha,\alpha)$ -4,7-methano-1H-isoindole-1,3(2H)-d
- 25 1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(6-methyl-2-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(4-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(4-Ethoxyphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(3-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(2-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(2-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(3-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(3-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione
- 30 methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(3-methyl-2-pyridinyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, N-(4,6-Dimethyl-2-pyrmidinyl)-4-

(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzenesulfonamide, 3a,4,7,7a-Tetrahydro-2-[4-(2-hydroxyethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(2-mercaptophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-1H-isoindole-1,3(H)-dio

- 4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzoic acid, 2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzoic acid, methyl ester, 4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzoic acid, 3-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzoic acid, methyl ester, 4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzenesulfonamide, N-(4,5-
- Dihydro-5-methyl-3-isoxazolyl)-4-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzenesulfonamide, 3a,4,7,7a-Tetrahydro-2-(2-hydroxyphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[4-(phenylmethoxy)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[2-(phenylmethoxy)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[3-(phenylmethoxy)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[4-([4-nitrophenyl)methoxy]phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[2-[(4-nitrophenyl)methoxy]phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-
- 20 1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[4-[(4-methylphenyl)methoxy]phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[3-[(4-methylphenyl)methoxy]phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[2-[(4-methylphenyl)methoxy]phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[4-[(4-Butylphenyl)methoxy]phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[2-[(4-Butylphenyl)methoxy]phenyl]-

Tetrahydro-2-[3-[(4-nitrophenyl)methoxy]phenyl]-4,7-methano-1H-isoindole-

- 3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[3-[(4-Butylphenyl)methoxy]phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[4-[(2-Chlorophenyl)methoxy]phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[4-[(4-Chlorophenyl)methoxy]phenyl]-
- 30 3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[2-[(4-Chlorophenyl)methoxy]phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[2-[(2-Chlorophenyl)methoxy]phenyl]-3a,4,7,7a-tetrahydro-4,7-

 $\label{lem:methano-1H-isoindole-1,3(2H)-dione, 2-[3-[(2-Chlorophenyl)methoxy]phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[3-[(4-Chlorophenyl)methoxy]phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-phenyl-4,7-methano-1H-isoindole-1,3(H)-dione, 3a,4,7,7a-Tetrahydro-2-phenyl-4,7-methano-1H-isoin$

- dione, 2-[(Benzoyloxy)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-[3-(3,4-Dimethylbenzoyl)phenyl]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(3,4-Dimethylphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzoic acid, ethyl ester, 5-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-benzenedioic acid, 4-[2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-benzenedioic acid, 4-[2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-dioxo-4,7-methano-2H-isoindol-
- dioxo-4,7-methano-2H-isoindol-2-yl)-1,3-benzenedioic acid, 4-[2-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)phenoxylbenzonitrile, 2-(5-Chloro-2-methoxyphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(2-Acetylphenyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[4-(5-oxazolyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-2-[4-Bromo-3-(trifluoromethyl)phenyl]-3a,4,7,7a
 - tetrahydro-5-methyl-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2'[4-Bromo-3-(trifluoromethyl)phenyl]-3'a,4',7',7'a-tetrahydrospiro[cycloponae-1,8'[4,7]methano[1H]isoindole]-1',3'(2H)-dione, (3aα,4β,4αα 6aα,7β,7aα)-2-(4-Bromo-1-naphthalenyl)-3a,4,4a,6a,7,7a-hexahydro-4,7-etheno-1H-cyclobut[f]isoindole-
- 20 1,3(2H)-dione, (3aα,4β,4aα 6aα,7β,7aα)-2-(4-Bromo-3-methylphenyl)-3a,4,4a,6a,7,7a-hexahydro-4,7-etheno-1H-cyclobut[f]isoindole-1,3(2H)-dione, (3aα,4β,4aα 6aα,7β,7aα)-2-(1,2-Dihydro-4-methyl-2-oxo-7-quinolinyl)-3a,4,4a,6a,7,7a-hexahydro-4,7-etheno-1H-cyclobut[f]isoindole-1,3(2H)-dione, (3aα,4β,7β,7aα)-2-[3,5-Bis(trifluoromethyl)phenyl]hexahydro-8-(1-
- 25 methylethylidene)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\beta,7\beta,7a\alpha)$ -2-(4-Bromo-3-methylphenyl)hexahydro-8-(1-methylethylidene)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\beta,7\beta,7a\alpha)$ -Hexahydro-8-(1-methylethylidene)-2-(4-nitro-1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, $(3a\alpha,4\beta,7\beta,7a\alpha)$ -2-(4-Bromo-1-naphthalenyl)hexahydro-8-(1-methylethylidene)-4,7-methano-1H-
- 30 isoindole-1,3(2H)-dione, (3αα,4β,7β,7αα)-Hexahydro-8,8-dihydroxy-2-(4-nitro-1-naphthalenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, (3αα,4β,7β,7αα)-2-[3,5-αβ,7β,7αα]-2-[3,5-αβ,7β,7αα]

 $Bis(trifluoromethyl)phenyl]hexahydro-8,8-dihydroxy-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\beta,7\beta,7a\alpha)-2-(4-Bromo-3-methylphenyl)hexahydro-8,8-dihydroxy-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a\alpha,4\alpha,7\alpha,7a\alpha)-2-(4-Bromo-3-methylphenyl)hexahydro-8,8-dihydroxy-4,7-methano-1H-isoindole-1,3(2H)-dione,$

- Dichlorophenyl)-3a,4,7,7a-tetrahydro-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-Tetrahydro-2-[[3-(trifluoromethyl)phenyl]amino]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-2-[(3-Chlorophenyl)amino]-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,5α,7α,7aα)-Hexahydro-5-mercapto-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7aα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione, (3aα,4α,7α,7αα)-3a,4,7,7a-Tetrahydro-2-(4-nitro-1-naphthalenyl)-5-methano-1H-isoindole-1,3(2H)-dione,3aα,4α,7α,7αα)-3a,4α,7αα,4αα,5αα,4αα
 - phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, (3a'α,4'α,7'α,7a'α)-2'-(1,2-Dihydro-4-methyl-2-oxo-7-qiunolinyl)-3a',4',7',7a'-tetrahydrospiro[cyclopropane-1,8'-[4,7]methano[1H]isoindole]-1',3'(2'H)-dione, (3aα,4α,5α,7α,7aα)-Hexahydro-5-(4-nitropheny)-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione,
- 20 Hexahydro-2-(2-mercaptophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 4-(Octahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)benzoic acid, ethyl ester, 2-[4-(Diethylamino)phenyl]hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,9,9a-Tetrahydro-2-phenyl-4,9[1',2]-benzeno-1H-benz[f]isoindole-1,3(2H)-dione, 5-(Acetyloxy)hexahydro-2-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, 5-
- 25 (Acetyloxy)-2-(4-chlorophenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 5-(Acetyloxy)hexahydro-2-(2-nitrophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 5-(Acetyloxy)-2-(3-chlorophenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, Octahydro-2-(4-methoxyphenyl)-1,3-dioxo-4,7-methano-1H-isoindole-5-carboxylic acid, methyl ester, 2-(2,4-Dichlorophenyl)octahydro-1,3-dioxo-4,7-
- 30 methano-1H-isoindole-5-carboxylic acid, methyl ester, Octahydro-2-(4-nitrophenyl)-1,3-dioxo-4,7-methano-1H-isoindole-5-carboxylic acid, methyl ester, Hexahydro-5-

hydroxy-2-(4-methoxyphenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(4-Ethoxyphenyl)hexahydro-5-hydroxy-4,7-methano-1H-isoindole-1,3(2H)-dione, Hexahydro-5-hydroxy-2-(4-nitrophenyl)-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(4-Chlorophenyl)hexahydro-5-hydroxy-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-

- (4-Chlorophenyl)hexahydro-5-hydroxy-4,7-methano-1H-isoindole-1,3(2H)-dione, 2(2,4-Dichlorophenyl)hexahydro-5-hydroxy-4,7-methano-1H-isoindole-1,3(2H)-dione, Hexahydro-5-hydroxy-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 5-(Acetyloxy)hexahydro-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-Hydroxy-5-(octahydro-1,3-dioxo-5-phenyl-1H-isoindole-1,3(2H)-dione, 2-(4-hydroxyphenyl)-5-phenyl-1H-isoindole-1,3(2H)-dione, 2-(4-hydroxyphenyl-1H-isoindole-1,3(2H)-dione.
- 1,3(2H)-dione, 2-(4-Ethoxyphenyl)hexahydro-5-phenyl-1H-isoindole-1,3(2H)-dione, Hexahydro-5-phenyl-2-[3-(trifluoromethyl)phenyl]-1H-isoindole-1,3(2H)-dione, 2-(3-Dibenzofuranyl)-3a,4,7,7a-tetrahydro-4,7-diphenyl-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(4-methoxyphenyl)-5-methyl-1H-isoindole-1,3(2H)-dione, 5-(2,4-Dimethylphenyl)-1,6a-dihydro-1-[4-(trifluoromethyl)phenyl]pyrrolo[3,4-d]-1,2,3-triazole-4,6(3aH,5H)-dione, Tetrahydro-2-phenyl-1H-isoindole-1,3(2H,4H)-trione, 5,6-Dibromo-2-(4-ethoxyphenyl)hexahydro-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-5,6-dimethyl-2-[4-(trifluoromethyl)phenyl]-1H-isoindole-1,3(2H)-dione, 2a,4,7,7a-Tetrahydro-5,6-dimethyl-2-(2-propoxyphenyl)-1H-isoindole-1,3(2H)-dione, 2-(3-Chloro-2-methylphenyl)-3a,4,7,7a-tetrahydro-8-(1-
- 20 methylethylidene)-4,7-methano-1H-isoindole-1,3(2H)-dione, 3'a,4',7',7'a-Tetrahydro-2'-(2,4,6-trimethylphenyl)spiro[cyclopropane-1,8'-[4,7]methano[1H]isoindole]-1',3'(2'H)-dione, 3a,4,7,7a-Tetrahydro-4-methyl-2-(3-methylphenyl)-1H-isoindole-1,3(2H)-dione, Hexahydro-2-[4-(2-methyl-5-phenyl-1,3,4-thiadiazol-2-yl)phenyl]-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-5-methyl-2-[4-
- 25 (trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-5-methyl-2-[4-(trifluoromethoxy)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(3-Chloro-4-fluorophenyl)hexahydro-5-methyl-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-5-methyl-2-[3-(trifluoromethyl)phenyl]-1H-isoindole-1,3(2H)-dione, 4-[1,3,3a,4,7,7a-Hexahydro-8-(1-methylethylidene)-1,3-
- 30 dioxo-4,7-methano-2H-isoindol-2-yl]benzonitrile, 3a,4,7,7a-Tetrahydro-2-(4-hydroxyphenyl)-1H-isoindole-1,3(2H)-dione, 2-Methyl-2-propenoic acid, 4-(1,3,3a,4,7,7a-hexahydro-5-methyl-1,3-dioxo-2H-isoindol-2-yl)phenyl ester, 2-(4-

Chlorophenyl)-3a,4,7,7a-tetrahydro-1H-isoindole-1,3(2H)-dione, 4-(1,3,3a,4,7,7a-Hexahydro-1,3-dioxo-2H-isoindol-2-yl)benzenesulfonamide, 3a,4,7,7a-Tetrahydro-2-phenyl-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-(2-mercaptophenyl)-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-Tetrahydro-2-[3-(methylthio)phenyl]-1H-

- isoindole-1,3(2H)-dione, 2-(4-Ethoxyphenyl)-3a,4,7,7a-tetrahydro-1H-isoindole-1,3(2H)-dione, 4,4a,5,5a,6,6a-Hexahydro-2-[3-(trifluoromethyl)phenyl]-4,6-ethenocycloprop[f]isoindole-1,3(2H,3aH)-dione, 3'a,4',7',7'a-Tetrahydro-2'-(4-nitrophenyl)spiro[cyclopropane-1,8'-[4,7]methano[1H]isoindole]-1',3'(2'H)-dione, 2-Hydroxy-5-(octahydro-1,3-dioxo-5-phenyl-4,7-methano-1H-isoindol-2-yl)benzoic acid, 4-(Octahydro-1,3-dioxo-5-phenyl-4,7-methano-1H-isoindol-2
 - yl)benzenesulfonamide, Hexahydro-2-(4-hydroxyphenyl)-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, 2-(4-Ethoxyphenyl)hexahydro-5-phenyl-4,7-methano-1H-isoindole-1,3(2H)-dione, Hexahydro-5-phenyl-2-[3-(trifluoromethyl)phenyl]-4,7-methano-1H-isoindole-1,3(2H)-dione and (3αα,4α,7α, 7α, α)-2-[4-nitro-3-
 - (trifluoromethyl) phenyl] -3a, 4, 7, 7a-tetrahydro-4, 7-methano-1 H-isoindole-1, 3 (2 H)-dione.